



|   |   |  |   |
|---|---|--|---|
| A. CLASSIFICATION OF SUBJECT MATTER   |   |  |   |
| IPC6: A61L 2/06, A23K 1/00  |   | According to International Patent Classification (IPC) or to both national classification and IPC                            |   |
| B. FIELDS SEARCHED  |   | Minimum documentation searched (classification system followed by classification symbols)                                    |   |
| IPC6: A61L, A23K  |   | Documental search other than minimum documentation to the extent that such documents are included in the fields searched     |   |
| SE, DK, FI, NO CLASSES AS ABOVE   |   | Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) |   |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT  |   |  |   |
| WIPO, USPTO/FULL  |   |  |   |
| Category * Classification of document, with indication, where appropriate, of the relevant passages   |   | Relevant to claim No.  |   |
| X   | GB 1243823 A (WILHELM LODIGE ET AL),<br>25 August 1971 (25.08.71), page 1,<br>Line 90 - page 2, line 25, claims<br>(29.11.77), claims 1-3 | US 4059919 A (JOSEPH GREEN), 29 November 1977<br>US 4161139 A (FRANCISCUS VAN DEREN), 17 July 1979<br>(17.07.79)             | EP 0622085 A1 (DAISEY KIKAI CO., LTD.),<br>2 November 1994 (02.11.94), claims<br>2 November 1994 (02.11.94), claims |
| A   |   |  |   |
| * Special categories of cited documents   |   |  |   |
| "A" document defining the general state of the art which is not considered to be of particular relevance  |   |  |   |
| "B" earlier document published or after the international filing date to understand the principle or theory underlying the invention  |   |  |   |
| "C" document of particular relevance which may throw doubt on priority or which is cited to establish the publication date of another claim(s) or which is a document referred to in the description or abstract of the application |   |  |   |
| "D" document which may throw doubt on validity or can not be considered to involve an inventive step when the document is taken alone   |   |  |   |
| "E" document of particular relevance which cannot be combined with one or more other documents, such combination being obvious to a person skilled in the art   |   |  |   |
| "F" document published prior to the international filing date but later than the priority date claimed  |   |  |   |
| "G" means document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "H" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "I" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "J" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "K" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "L" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "M" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "N" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "O" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "P" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "Q" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "R" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "S" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "T" later document published after the application but cited to understand the principle or theory underlying the invention   |   |  |   |
| "U" document defining the general state of the art which is not considered to be of particular relevance  |   |  |   |
| "V" document of particular relevance which cannot be combined with one or more other documents, such combination being obvious to a person skilled in the art   |   |  |   |
| "W" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "X" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "Y" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| "Z" document published prior to the international filing date of another claim(s) or which is a document referred to in the description or abstract of the application  |   |  |   |
| Date of mailing completion of the international search report   |   |  |   |
| 9 JULY 1998   |   | 15-07-1998   |   |
| Name and mailing address of the ISA/  |   | Annex I Jonsson  |   |
| Swedish Patent Office   |   | Box 5055, S-102 42 STOCKHOLM   |   |
| Telephone No. + 46 8 666 02 86  |   | Facsimile No. + 46 8 782 25 00   |   |
| INTERNATIONAL APPLICATION NO.   |   |  |   |
| PC/T/NO 98/00083  |   |  |   |

Form PC1/ISA/210 (continuation of second sheet) (July 1992)

| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT |  |
|---|--|
| Category*   | Description of document, with indication, where appropriate, of the relevant passages<br>Relevant to claim No. |
| A   | US 3548737 A (MONROE E. EVANS), 22 December 1970<br>(22.12.70), claims<br>-----<br>--<br>1-7                   |
| A   | US 3574632 A (G.T. LANZ), 13 April 1971 (13.04.71)<br>-----<br>--<br>1-7                                       |

INTERNATIONAL SEARCH REPORT

International application No.

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

K12d

**Category:** Citation of document, with indication, where appropriate, of the relevant passages

A  
US 3548737 A (MONROE E. EVANS), 22 December 1970  
1-7

(22.12.70), Claims

L-1

—

L-1

— — — — —

- 2 -

| Patent document | Publication | Publication date | Patent family<br>member(s) | Publication date | Claimed in search report |
|-----------------|-------------|------------------|----------------------------|------------------|--------------------------|
| GB 1243823 A    | 25/08/71    | FR 1600886 A     | 3721527 A                  | 03/08/70         | US 3721527 A             |
| US 4059919 A    | 29/11/77    | CA 1049834 A     | 06/03/79                   | CH 604565 A      | 15/09/78                 |
| US 4161139 A    | 17/07/78    | DE 2819491 A     | 16/11/78                   | DK 205078 A      | 12/11/78                 |
| EP 0622085 A1   | 02/11/94    | JP 6261634 A     | 20/09/94                   | FR 2390112 A     | 08/12/78                 |
| US 3548737 A    | 22/12/70    | US 5615518 A     | 01/04/97                   | GB 1567141 A     | 14/05/80                 |
| US 3574632 A    | 13/04/71    | NONE             | NONE                       | NL 7705234 A     | 14/11/78                 |

INTERNATIONAL SEARCH REPORT  
Information on patent family members  
Informational application No.  
30/06/98 PCT/NO 98/00083